

REMARKS

After entry of the above amendments, claims 1-5 are pending in the present application, of which claims 1, 3 and 5 are independent. Claims 3 and 5 have been amended to more clarify the claimed subject matter and not to narrow the scope of the claims.

Applicants believe that the present application is in condition for allowance, which prompt and favorable action is respectfully requested.

I. DRAWINGS

The examiner objected to the drawings under 37 CFR 1.83(a) for not showing every feature of the invention specified in the claims. Although Applicants do not agree that additional drawings are necessary, Figure 9 is proposed to expedite the allowance of the application. In view of Figure 9, amendments to the specification is also proposed.

Support for the language of the specification and Figure 9 may be found in existing claims and in the specification as originally filed. Accordingly, Applicants respectfully request withdrawal of the objection to the drawings.

II. REJECTION UNDER 35 U.S.C. §103

The Examiner rejected claims 1 and 3-5 under 35 U.S.C. §103 as being unpatentable over U.S. Patent No. 5,640,166 issued to Siwiak et al. (hereinafter "Siwiak") in view of U.S. Patent No. 3,940,695 issued to Sickles, II (hereinafter "Sickles"). The Examiner also rejected claim 2 under 5 U.S.C. §103 as being unpatentable over Siwiak and Sickles in view of U.S. Patent No. 5,745,072 issued to Jensen et al. (hereinafter "Jensen"). This rejection is respectfully traversed in its entirety

To establish a prima facie case of obviousness for a claimed invention, all the claim elements must be taught or suggested by the prior art. (MPEP 2143.03)

With respect to independent claim 1, the Examiner admitted that Siwiak fails to disclose or suggest "a counter coupled to said first input for generating a Doppler compensation signal, said counter having a clock input; and a second frequency synthesizer coupled to said clock input for generating a clock signal oscillating at a

rate responsive to a rate input,” but relied upon Sickles to allegedly cure this deficiency.

Sickles discloses a counter 24 that is incremented or decremented at a fixed clock rate based on conventional clock 38 (See Sickles col. 3, lines 4-5 and col. 4, lines 21-27). Sickles does not disclose or even suggest a counter having a clock input, wherein a second frequency synthesizer is coupled to said clock input for generating a clock signal oscillating at a rate response to a rate input and wherein said rate input adjusts over time according to a predetermined sequence.

With respect to independent claim 3, the Examiner states that Sickles discloses a clock generating means as claimed by referring to clock 38. As discussed above, the clock 38 is a conventional clock 38 with a fixed clock rate. Therefore, Sickles does not disclose or suggest a clock generating means coupled to a clock input of said Doppler compensation means for generating a clock signal oscillating at a rate responsive to a rate input, wherein the rate input means adjusts said rate input over time according to a predetermined sequence.

Similarly, with respect to independent claim 5, the Examiner states that Sickles discloses generating a clock signal oscillating at a rate responsive to a rate input by referring to clock 38. However, since clock 38 is a conventional 38, Applicants submit that Sickles does not disclose or suggest generating a clock signal oscillating at a rate responsive to a rate input, wherein the rate input is adjusted over time according to a predetermined sequence.

Therefore, Applicants submit that neither Siwiak nor Sickles, separately or combined, disclose or suggest the claimed subject matter of claims 1, 3 and 5. Also, since neither Siwiak nor Sickles teach claims 1 and 3, Applicants submit that claims 2 and 4 are allowable based on their dependency from an allowable base claim as well as other novel features included therein.

Accordingly, Applicants respectfully request a withdrawal of the rejection under 35 U.S.C. §103 for at least the foregoing reasons.

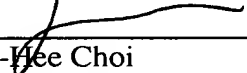
CONCLUSION

In light of the amendments contained herein, Applicants submit that the application is in condition for allowance, for which early action is requested.

Please charge any fees or overpayments that may be due with this response to Deposit Account No. 17-0026.

Respectfully submitted,

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